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## FLOATING SOLAR PANEL ALONG WITH SUN TRACING SYSTEM-A REVIEW

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### Abstract

*With the increasing demands of fossil fuels and energy sources, everyone is looking for alternative sources of energy. With the use of solar energy this hunger for power can be reduced to an extent, but it is not being utilized to its maximum extent. Normal solar panels are around 15% - 22% efficient and majority of times it is not that efficient. Floating solar panel can be used in place of conventional solar panel and the efficiency can be maximized. However using this solar system have some of issues like installation which is a big issue, cost factor, fragile as well as care should be taken while windy environment. Beside these drawbacks it has its many advantages as well. Floating solar panels can be used in vast area and can be beneficial for the industries too. Now a days the human race depends on energy to live their life. As we know, we live in a country of 1.3 billion People and as we move more towards the modernization more energy or electricity is needed. We cannot depend on fossil fuel and coal as there are only limited amount of fossil Fuel present on earth and so we have to turn towards renewable source of energy i.e. Solar, wind, hydroelectricity.*

*As we know our country is headed Towards production of solar energy by building different solar power plants like, Bhadla solar park -2,250mw (Rajasthan)(which is the largest solar power plant in world ),Shakti Sihala solar power project 2,050mw(Karnataka) ,Ultra mega solar park -1000mw (Andhra Pradesh) Rewa solar power project -750mw (Madhya pradesh), Kamuthi solar power plant -648mw (Tamil Nadu). But as we see there is a problem with the Technology ,that is it takes more space which is not available in city and that's why we have come with this idea of our project.*

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Fossil fuels and Energy sources, Solar energy, Solar Power, Plants project, Technology

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